

DLA Land and Maritime - VQ
Supplemental Information Sheet for Electronic QPL-50884

Date: 8/7/2013

Specification Details:

Specification: MIL-P-50884
Title: Printed Wiring, Flexible and Rigid-Flex
Federal Supply Class (FSC): 5998
Conventional: Yes
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: No
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

Contact Information:

Office of Primary Involvement: Electronic Devices Branch, DLA Land and Maritime - VQE
Primary Qualifying Activity Contact: 614-692-0627, e-mail: vqe.ls@dla.mil

Notes:

Effective 28 February 1999, MIL-P-50884 has been declared "Inactive for New Design". For new design, use MIL-PRF-31032. This is applicable on all acquisitions to which MIL-P-50884 is applied.

Extent of Qualification Paragraph 4.5.3 of MIL-P-50884 extends qualification for a particular type to cover all conductor patterns of that type produced. Qualification of type 4 products shall be extended to cover all other types. Qualification of type 3 products shall be extended to cover types 2 and 1. Qualification of type 2 products shall be extended to cover type 1. Qualification of types 1 and 5 shall apply only to that type. Qualification of any type shall be extended to cover the approved type with a stiffener or solder mask.

a. The last six digits of the Qualification Reference Number (QRN) is the qualification expiration date in "mmddyy" format (e.g., 50884-1234-042211 expires on April 22, 2011).

b. An asterisk (*) adjacent to the QRN denotes the product was tested for and meets the etchback requirements.

c. An exclamation (!) adjacent to the QRN denotes qualification through Appendix B of MIL-P-50884. There is no qualification expiration date. See QML-31032 for detailed information about this company's capabilities.

d. A pound sign (#) adjacent to the QRN denotes that the qualification vehicle was built using foil lamination technology. The specimen was tested for and meets peel strength requirements.

e. Adhesiveless products tested and manufactured with metal-clad dielectric are covered under slash sheet(s) other than /1 through /4 of IPC-4204.

Part Configuration:

Listed by classification type and either adhesive or adhesiveless construction.

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PART LISTINGS

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
TYPE 1 WITH ADHESIVES		TYPE 4 ADHESIVELESS	
KCA Electronics, Inc.	50884-31032!	Amphenol Printed Circuits	50884-31032!*
TYPE 2 ADHESIVELESS		Basic Electronics, Inc.	50884-3599-031416
All Flex, Inc.	50884-3412-060515 (Use A only)	Career Technologies	50884-3386-071915*
RACAAR Circuit Industries, Inc.	50884-3481-073115	CIMULEC	50884-3739-062816#
TYPE 2 WITH ADHESIVES		Cirexx International, Inc.	55110-31032!#
All Flex, Inc.	50884-3522-110715	Colonial Circuits, Inc.	50884-31032!*
Hans Brockstedt GmbH	50884-31032!	Cosmotronic	50884-31032!*
TYPE 3 WITH ADHESIVES		Eltek, Ltd.	50884-3885-080616
Amphenol Printed Circuits	50884-31032!*	Flexible Circuits, Inc.	50884-3473-112815*
TYPE 4 ADHESIVELESS		FTG Circuits, Inc.	50884-3233-070614*
Accurate Engineering Corp.	50884-3163-041914*#	Graphic Research, Inc.	50884-3729-022816*
Airborn Flexible Circuits, Inc.	50884-31032*#	Hamby Corporation	50884-31032!#
		Hans Brockstedt GmbH	50884-31032!#
		HEI, Inc.	50884-2704-030513#

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TYPE 4 ADHESIVELESS

Johns Hopkins University	50884-3034-112913
KCA Electronics, Inc.	50884-31032!*# (Use A Only)
Lockheed Martin Mission Systems & Training	50884-31032!*
Micropack Limited	50884-3416-110115
Molex Inc. Copper Flex Products	50884-3441-120415*
Moog Components Group Galax	50884-2766-051113
PCB Technologies, Ltd.	50884-IL0209-040613*
Pioneer Circuits, Inc.	50884-31032!*#
Printed Circuits, Inc.	50884-31032!*
Speedy Circuits	50884-50884-31032!*#
Teledyne Printed Circuit Technology	50884-3421-030115* (Use A only)
TTM Technologies (Santa Clara, CA)	50884-31032!*
TTM Technologies (Stafford, CT)	50884-31032!*
Viasystems Cleveland Inc.	50884-31032!*
Viasystems North Jackson Inc.	50884-31032!*

TYPE 4 WITH ADHESIVES

Airborn Flexible Circuits, Inc.	50884-31032*
Basic Electronics, Inc.	50884-3112-111614*
Cirexx International, Inc.	55110-31032!*#
Colonial Circuits, Inc.	50884-31032!*
Cosmotronic	50884-31032!*
Flexible Circuits, Inc.	50884-3063-122014*
Graphic Research, Inc.	50884-3199-051314*
Hamby Corporation	50884-31032!*#
Lockheed Martin Mission Systems & Training	50884-31032!*
Pioneer Circuits, Inc.	50884-31032!*#
Teledyne Printed Circuit Technology	50884-3420-030115* (Use A only)
TTM Technologies (Santa Clara, CA)	50884-31032!*
TTM Technologies (Stafford, CT)	50884-31032!*
Viasystems Cleveland Inc.	50884-31032!*
Viasystems North Jackson Inc.	50884-31032!*
Vulcan Flex Circuit Corporation	50884-3438-042415*

Manufacturer and Supplier Location Information

Manufacturer: Accurate Engineering Corp. (CAGE Code: 1W538)

Location: 8710 Telfair Avenue, Sun Valley, CA 91352, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Airborn Flexible Circuits, Inc. (CAGE Code: 38661)

Location: 11 Dohme Avenue, Toronto, Ontario, Canada M4B 1Y7

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: All Flex, Inc. (CAGE Code: 0ZGB2)

Location: All Flex Flexible Circuits, LLC dba All Flex, Inc., 1705 Cannon Lane, Northfield, MN 55057, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Amphenol Printed Circuits (CAGE Code: 57034)

Location: 91 Northeastern Boulevard, Nashua, NH 03062, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Basic Electronics, Inc. (CAGE Code: 57357)

Location: 11371 Monarch Street, Garden Grove, CA 92841, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Career Technologies (CAGE Code: 34FS3)

Location: North America Division, 18634 Parthenia Street, Northridge, CA 91324, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: CIMULEC (CAGE Code: 0YWU1)

Location: Zone Industrielle Les Jonquires, F-57365 Ennery, France

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Cirexx International, Inc. (CAGE Code: 4MEG7)

Location: 791 Nuttman Street, Santa Clara, CA 95054, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Colonial Circuits, Inc. (CAGE Code: 6T499)

Location: 1026 Warrenton Road, Fredericksburg, VA 22406-6200, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Cosmotronic, Inc. (CAGE Code: 63695)

Location: 16721 Noyes Avenue, Irvine, CA 92606-5176, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Eltek, Ltd. (CAGE Code: S4451)

Location: P.O. Box 159, Sgoola Industrial Park, Petach-Tikva 49101, Israel

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Flexible Circuits, Inc. (CAGE Code: 22928)

Location: 222 Valley Road, Warrington, PA 18976-2580, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: FTG Circuits, Inc. (CAGE Code: 30803)

Location: 20750 Marilla Street, Chatsworth, CA 91311, US

Plants:

Manufacturer and Supplier Location Information

Manufacturer: FTG Circuits, Inc. (CAGE Code: 30803)

Location: 20750 Marilla Street, Chatsworth, CA 91311, US

1. Plant: Same Address as Manufacturer

Manufacturer: Graphic Research, Inc. (CAGE Code: 5K529)

Location: 9334 Mason Avenue, Chatsworth, CA 91311-5201, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Hamby Corporation (CAGE Code: 07284)

Location: 27704 Avenue Scott, Valencia, CA 91355-1218, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)

Location: Lieterplattenschnelldienst, Clara-Immerwahr-Strabe 7, 24145 Kiel, Germany

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: HEI, Inc. (CAGE Code: 5A0C8)

Location: High Density Interconnect Division, 610 South Rockford Drive, Tempe, AZ 85281, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Johns Hopkins University (CAGE Code: 88898)

Location: Applied Physics Laboratory (APL), 11100 Johns Hopkins Road, Laurel, MD 20723-6099, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: KCA Electronics, Inc. (CAGE Code: 1VUH8)

Location: 223 N. Crescent Way, Anaheim, CA 92801, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Lockheed Martin Mission Systems & Training (CAGE Code: 03640)

Location: 1801 State Route 17C, Owego, NY 13827, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Micropack Limited (CAGE Code: SAL28)

Location: Plot#16, Jigani Industrial Area,, Bangalore, 562106, India

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Molex Inc. Copper Flex Products (CAGE Code: 58852)

Location: 22 Empire Dr., Saint Paul, MN 55103,

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Moog Components Group Galax (CAGE Code: 1VDA7)

Location: 115 Jack Gwynn Drive, Galax, VA 24333, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: PCB Technologies, Ltd. (CAGE Code: S5725)

Location: P.O. Box 631, Migdal, Haemek, 10556, Israel

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Pioneer Circuits, Inc. (CAGE Code: 65723)

Location: 3000 S. Shannon Street, Santa Ana, CA 92704, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Printca Denmark A-S (CAGE Code: R7016)

Location: Svendborgvej 3, 9220 AalBorg Oest, Denmark

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Printed Circuits, Inc. (CAGE Code: 65114)

Location: 1200 West 96th Street, Bloomington, MN 55431-2606, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: RACAAR Circuit Industries, Inc. (CAGE Code: 58521)

Location: 9225-F Alabama Avenue, Chatsworth, CA 91311, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Speedy Circuits, Inc. (CAGE Code: 66982)

Location: 5331 McFadden Avenue, Huntington Beach, CA 92649-1204, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Teledyne Printed Circuit Technology (CAGE Code: 22958)

Location: 110 Lowell Road, Hudson, NH 03051, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies (Santa Clara, CA) (CAGE Code: 65916)

Location: Santa Clara Division, 400 Mathew Street, Santa Clara, CA 95050, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies (Stafford, CT) (CAGE Code: 5L706)

Location: Stafford Division, P.O. Box 145, 4 Old Monson Road, Stafford, CT 06075, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Viasystems Cleveland Inc. (CAGE Code: 7Z463)

Location: 7 Ascot Parkway, Cuyahoga Falls, OH 44223, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Viasystems North Jackson Inc. (CAGE Code: 0GN71)

Location: P.O. Box 216, 12080 DeBartolo Drive, North Jackson, OH 44451, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Vulcan Flex Circuit Corporation (CAGE Code: 4CHZ1)

Location: 6 George Avenue, Londonderry, NH 03053, US

Plants:

1. Plant: Same Address as Manufacturer